

REMARKS

A. Summary of Examiner's Action

In the subject office action, the Examiner objected to various informalities in claims 14, 21, 22, 24 and 26.

The Examiner also rejected under 35 USC 103

(a) claims 1, 4, 5, 10, 13, 18, 21 and 22, in view of USP 6,262,851 to Marshall, in view of USP 6,129,437 to Koga and USP 6,318,863 to Tiao, and

(b) claims 3 and 23 in view of Marshall, Koga, Tiao and further in view of USP 5,159,485 to Nelson,

(c) claims 8 and 9 in view of Marshall, Koga, Tiao and further in view of USP 6,396,619 to Huibers,

(d) claim 12 in view of Marshall, Koga, Tiao and further in view of USP 5,704,701 to Kavanagh,

(e) claim 14 in view of Marshall, Koga, Tiao and further in view of USP 6,155,687 to Peterson,

(f) claims 15-17 and 19 in view of Marshall, Koga, Tiao and further in view of USP 5,658,060 to Dove,

(g) claim 20 in view of Marshall, Koga, Tiao and further in view of USP 5,760,875 to Daijogo, and

(h) claim 24-26 in view of USP 6,318,863 to Nishida, Tiao and Kavangah.

B. Response to Objections

In response, Applicants offer to amend claims 4, 21, 22, 24 and 26 as set forth above to overcome the Examiner's objections.

C. Summary of Response to Rejections

Applicant offers to amend independent claims 1, 21, 24 and 26 as set forth above to overcome the Examiner's rejections.

D. Rejections of claims 1, 4, 5, 10, 13, 18, 21 and 22 under 35 USC 103

In rejecting claims 1 and 21, the Examiner asserted Marshal teaches the required light source apparatus (light sources 405, 410, 415).

In response, Applicant offers to amend claim 1 and 21 to clearly recite that the required light source apparatus is disposed **at a location**, which is clearly not taught by the distributed light sources of Marshal, occupying multiple distributed locations (see Fig. 4).

Koga and Tiao do not remedy the above-discussed deficiency of Marshall.

Accordingly, upon entry, amended claims 1 and 21 are patentable over Marshal, Koga and Tiao combined.

Claims 4, 5, 10, 13, 18 and 22 depend on either claim 1 or 21 respectively, incorporating its limitations. Therefore, for at least the same reasons, claims 4, 5, 10, 13, 18 and 22 are patentable over Marshal, Koga and Tiao combined.

E. Rejections of claims 3 and 23 under 35 USC 103

Claims 3 and 23 depend on claims 1 and 21 respectively, incorporating their limitations. Since Nelson does not remedy the above-discussed deficiency in teachings of Marshall, so for at least the same reasons, claims 3 and 23 are patentable over Marshal, Koga, and Tiao, even when further combined with Nelson.

F. Rejections of claims 8 and 9 under 35 USC 103

Claims 8 and 9 depend on claim 1, incorporating its limitations. Since Huibers does not remedy the above-discussed deficiency in teachings of Marshall, so for at least the same reasons, claims 8 and 9 are patentable over Marshal, Koga, and Tiao, even when further combined with Huibers.

G. Rejection of claim 12 under 35 USC 103

Claim 12 depends on claim 1, incorporating its limitations. Since Kavanagh does not remedy the above-discussed deficiency in teachings of Marshall, so for at least the same reasons, claim 12 is patentable over Marhsall, Koga, and Tiao, even when further combined with Kavanagh.

H. Rejection of claim 14 under 35 USC 103

Claim 14 depends on claim 1, incorporating its limitations. Since Peterson does not remedy the above-discussed deficiency in teachings of Marshall, so for at least the same reasons, claim 14 is patentable over Marhsall, Koga, and Tiao, even when further combined with Peterson.

I. Rejections of claims 15-17 and 19 under 35 USC 103

Claims 15-17 and 19 depend on claim 1, incorporating its limitations. Since Dove does not remedy the above discussed deficiency in teachings of Marshall, so for at least the same reasons, claims 15-17 and 19 are patentable over Marhsall, Koga, and Tiao, even when further combined with Dove.

J. Rejection of claim 20 under 35 USC 103

Claim 20 depends on claim 1, incorporating its limitations. Since Daijogo does not remedy the above-discussed deficiency in teachings of Nishida, so for at least the same reasons, claim 20 is patentable over Marhsall, Koga, and Tiao, even when further combined with Daijogo. Claim 20 has been amended to correct a typographical error.

K. Rejection of claim 24-27 under 35 USC 103

In rejecting claims 24-27, the Examiner relied on Kavanagh to remedy Nishiba and Tiao's failure to teach the disposition of the light source "lower than" the projection lens.

In response, Applicants offer to amend independent claims 24 and 26 to clearly particularize the light source apparatus as being disposed ***directly underneath*** the projections lens, which is not taught by Kavanagh.

Accordingly, claims 24 and 26 are patentable over Nishiba, Tiao, Kavanagh combined.

Claims 25 and 27 are dependent on claims 24 and 26 respectively, incorporating their limitations. Therefore, for at least the same reason, claims 25 and 27 are patentable over the cited references.

L. Conclusion

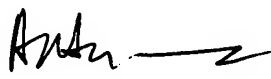
In view of the foregoing, Applicant respectfully requests entry of the offered amendment, allowance of claims 1, 3-5, 8-10, and 12-27, and early issuance of the Notice of Allowance.

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Please charge any shortages and credit any overages to Deposit Account No.
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Respectfully submitted,
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